

**Notice of Allowability**

Application No.

09/711,783

Examiner

Beemnet W. Dada

Applicant(s)

FRUEHAUF ET AL.

Art Unit

2135

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--.

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37, CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to an after final amendment filed on 07/17/06.
2. ☒ The allowed claim(s) is/are 1-5 and 8-11.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

## **DETAILED ACTION**

### **EXAMINER'S AMENDMENT**

An extension of time under 37 CFR 1.136(a) is required in order to make an examiner's amendment which places this application in condition for allowance. During a telephone conversation conducted on July 27, 2006, applicant requested an extension of time for 1 MONTH(S) and authorized the Director to charge Deposit Account No. 03-1952 the required fee for this extension and authorized the following examiner's amendment. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

In the claims:

1. (Currently Amended)      A cryptographic communication system comprising:  
a plurality of user communication interfaces, each of said communication interfaces including:  
a data transceiver;  
a string generator;  
a data processor connected to said string generator; and  
a memory connected to said string generator, said memory having stored a unique seed value and a common seed value,  
wherein the data processor processes data received by or to be transmitted by the data transceiver using data string generated by the string generator,

wherein the unique seed value for each of said plurality of user communication interfaces are unique to the respective communication interface, and wherein the common seed value stored in the memory of each of said plurality of communication interfaces is common to all of the plurality of communication interfaces, and

wherein the string generator generates data string using the unique seed value if the data to be transmitted or received by the data transceiver is unicast data intended to be received by one of said plurality of communication interfaces, and generates data string using the common seed value if the data received is designated as multicast data intended to be received by all of said plurality of communication interfaces; and

a master station, said master station including:

a second data transceiver;

a second string generator;

a second data processor connected to said second string generator; and

a second memory connected to said second string generator, said second memory having stored each of the unique seed value stored in the plurality of communication interfaces and the common seed value,

wherein the second data processor processes data to be transmitted by or received by the second data transceiver using data string generated by the second string generator, and

wherein the second string generator generates data string using one or more of the unique seed values if the data to be transmitted by or received by the second data transceiver is intended to be received by select ones of said plurality of communication interfaces, and generates data string using the common seed value if the data to be transmitted is intended to be received by all of the plurality of communication interfaces.

**Conclusion**


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Beemnet W. Dada whose telephone number is (571) 272-3847. The examiner can normally be reached on Monday - Friday (9:00 am - 5:30 pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Y. Vu can be reached on (571) 272-3859. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Beemnet Dada

July 27, 2006

  
KIM VU  
SUPERVISORY PATENT EXAMINER  
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